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The Arabidopsis ETHYLENE RESPONSE FACTOR1 Regulates Abiotic Stress-Responsive Gene Expression by Binding to Different cis-Acting Elements in Response to Different Stress Signals. Mei-Chun Cheng, Po-Ming Liao, Wei-Wen Kuo, and Tsan-Piao Lin

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Eutrema salsugineum maintains its salt tolerance under very different growth conditions even though its development and metabolism show substantial growth condition-dependent differences.

Regulation of Transcription of Nucleotide-Binding Leucine-Rich Repeat-Encoding Genes SNC1 and RPP4 via H3K4 Trimethylation. Shitou Xia, Yu Ti Cheng, Shuai Huang, Joe Win, Avril Soards, Tsung-Luo Jinn, Jonathan D.G. Jones, Sophien Kamoun, She Chen, Yuelin Zhang, and Xin Li

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GIGANTEA Enables Drought Escape Response via Abscisic Acid-Dependent Activation of the Florigens and SUPPRESSOR OF OVEREXPRESSION OF CONSTANS1. Matteo Riboni, Massimo Galbiati, Chiara Tonelli, and Lucio Conti

Floral transition under drought conditions is accelerated by enabling ABA-dependent up-regulation of the florigen genes.


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The Arabidopsis RING E3 Ubiquitin Ligase AtAIRP3/LOG2 Participates in Positive Regulation of High-Salt and Drought Stress Responses. Jong Hum Kim and Woo Taek Kim

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Genome-Wide Detection of Condition-Sensitive Alternative Splicing in Arabidopsis Roots. Wenfeng Li, Wen-Dar Lin, Prasun Ray, Ping Lan, and Wolfgang Schmidt

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